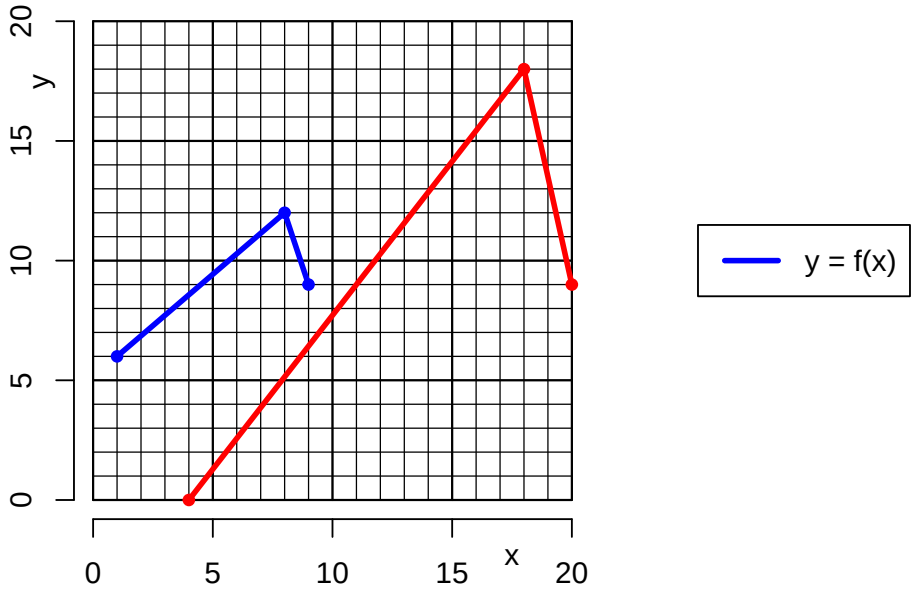
Name: Date:

PCW_09_18 Find new points after transformation (version 24)

Question 1

Curve $y = f(x)$ contains points $(1, 6)$ and $(8, 12)$ and $(9, 9)$, as shown on the x-y plane below.

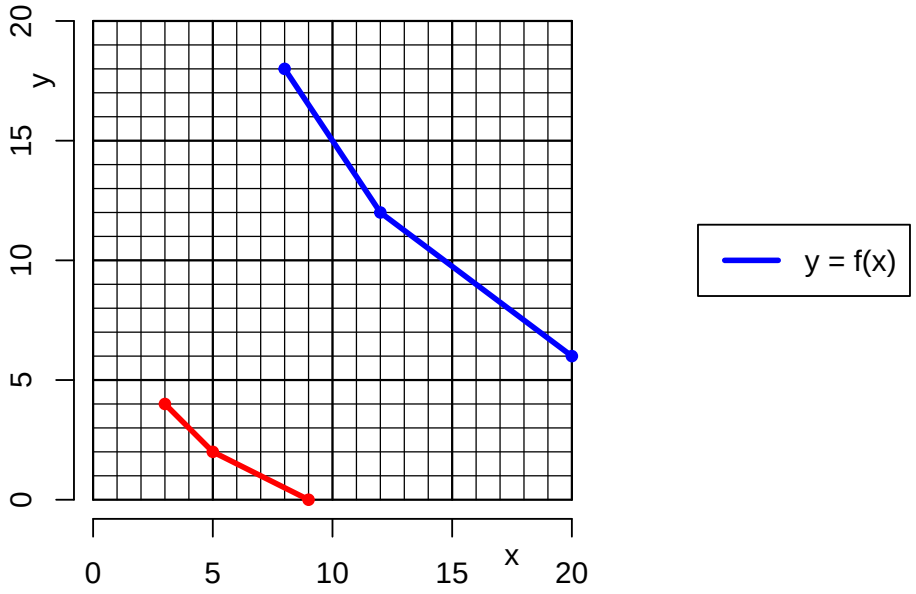


On the same plane, please draw the curve represented by the equation below:

$$y = 3\left(f\left[\frac{x-2}{2}\right] - 6\right)$$

Question 2

Curve $y = f(x)$ contains points $(8, 18)$ and $(12, 12)$ and $(20, 6)$, as shown on the x-y plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[2\,(x+1)] - 6}{3}$$